

APPENDIX 1: ACRONYMS

Acronym	Meaning	Acronym	Meaning
§	Section	HISCALE	Heliosphere Instrument for Spectra, Composition, and Anisotropy and Low Energies
\$xsxK	Thousands Of Dollars	HMF	Heliospheric Magnetic Field
A	Magnetic Polarity	ILWS	International Living With a Star (Program)
ACE	Advanced Composition Explorer	IMP	Interplanetary Monitoring Platform
ACR	Anomalous Cosmic Ray	IPN	Interplanetary Network (gamma ray detectors)
AGU	American Geophysical Union	IPS	Interplanetary Scintillation
AMMOS	Advanced Multi-Mission Operations System	ISAS	The Institute of Space and Aeronautical Science, Japan
AMPTE	Active Magnetospheric Particle Tracer Explorers	ISM	Interstellar Medium
AO	Announcement of Opportunity	IUS	Inertial Upper Stage
APD	Astronomy & Physics Directorate	JGR	Journal of Geophysical Research
AU	Astronomical Unit	JPL	Jet Propulsion Laboratory
C	Carbon	JWG	Joint Working Group
CDR	Common Data Records	K-12	Kindergarten through 12 th Grade
CDROM	Compact Disk – Read Only Memory	K-6	Kindergaren through 6 th Grade
CIR	Corotating Interaction Region	LA	Los Angeles
CME	Coronal Mass Ejection	LIC	Local Interstellar Cloud
CONSCAN	Conical Scan	LISM	Local Interstellar Medium
COSPAR	Committee on Space Research	LWS	Living With a Star
COSPIN	Cosmic & Solar Particles Investigation	MHD	Magnetohydrodynamics
CSA	Canadian Space Agency	MO&DA	Mission Operations & Data Analysis
CSTA	California Science Teachers Association	MOU	Memorandum of Understanding
CTU	Central Terminal Unit	MSFC	Marshall Space Flight Center
D	Deuterium	N	Nitrogen
DMT	Data Management Team	NASA	National Aeronautics & Space Administration
DNEL	Disconnect Non-essential Loads	Ne	Neon
DRS	Data Records System	NSSDC	National Space Science Data Center
DSN	Deep Space Network	NSTA	National Science Teachers Association
E/PO, EPO	Education & Public Outreach	O	Oxygen
EDR	Experiment Data Record	OCZ	Outer Convective Zone
EGS	European Geophysical Society	OSS	Office of Space Science
EPAC	Energetic Particles Composition	PAM-S	Payload Assist Module, Special
EPC	Electronic Power Converter	PCH	Polar Coronal Hole
ESA	European Space Agency	PSC	Protostellar Cloud
ESOC	European Space Operations Centre	QEDR	Quicklook EDR
ESTEC	European Space Research & Technology Centre	R _s	Solar Radius
EUV	Extreme Ultraviolet	RTG	Radioisotope Thermoelectric Generator
FGM	Flux Gate Magnetometer	S	Sulfur
FIP	First Ionization Potential	SDO	Solar Dynamics Observatory
FLS	Fast Latitude Scan (FLS-I, -II, <i>UFC-FLS</i>)	SEC	Sun-Earth Connection
FTE	Full-time Equivalent	SEDR	Supplemental EDR
FTE	Full-Time Equivalent	SEP	Solar Energetic Particles
GI	Guest Investigator	Si	Silicon
GRB	Gamma Ray Burst	SIR	Stream Interaction Region
GSFC	Goddard Space Flight Center	SKR	Saturnian Kilometric Radiation
H	Hydrogen	SOHO	Solar & Heliospheric Observatory
HCS	Heliospheric Current Sheet	SR&T	Supporting Research & Theory
He	Helium	SSE	(NASA) Space Science Enterprise

SSMO	Space Science Mission Operations
STEREO	The NASA STEREO Mission
SWICS	Solar Wind Ion Composition Spectrometer
SWOOPS	Solar Wind Observations Over the Poles of the Sun
SWT	Science Working Team
TIE	Telescopes in Education
TS	(Heliospheric) Termination Shock
TWTA	Traveling Wave Tube Amplifier
U.S.	United States
U-I	Ulysses First Solar Orbit
U-II	Ulysses Second Solar Orbit
<i>UFC</i>	Ulysses Full Cycle (3 rd) Orbit
<i>UFC-FLS</i>	<i>UFC</i> fast latitude scan
UDS	Ulysses Data System
UMCS	Ulysses Mission Control System
URAP	Unified Radio & Plasma (waves)
URL	Uniform Resource Link
UV	Ultra-Violet
VHM	Vector Helium Magnetometer
WKB	Mathematical approximation for small wavelengths compared to spatial gradients